

technology lessons 4 teachers

school year

2013 - 14

top 10 websites secondary (6-12) math



coolmath – www.coolmath.com
(games)

A popular math gaming site for middle & high school students with games for pre-algebra, algebra, pre-calculus, & calculus.



desmos – www.desmos.com/calculator
(toolkit)

An online graphing calculator which allows you to share equations & graphs by using Bitly links. It redraws the graphs as the equation is altered. It also works on a tablet device.



eglossary 6-12 – bit.ly/1eTdwJu
(toolkit)

The site provides written & verbal definitions & explanations of mathematic terms.



get the math – bit.ly/1kXwRjO
(algebra)

The website puts algebra-based mathematic challenges in real-world scenarios of fashion design, video game design, basketball, & more. It features short videos of professionals explaining & showing how they use math in their professions.



graphing stories – graphingstories.com (number sense)

The site features 24 short videos that tell a story and students graph these to illustrate the mathematical story.



math disk – www.mathdisk.com
(resources)

Teachers can use this site to develop interactive math worksheets and students can use it online or offline. There is an app for tablets.



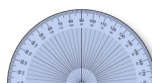
ulearniversity – www.ulearniversity.com (algebra)

Students watch video tutorials & practice the concepts taught in the videos. The site also provides instant feedback on practice problems.



web 2.0 calc – web2.0calc.com
(toolkit)

This is a free online scientific calculator that provides basic & advanced mathematical functions. Some tools include formulas, graphing, equations, & more.



what's my angle? – bit.ly/1bmDMB0 (toolkit)

A site that gives students 10 online protractor activities that tests a student's knowledge & can be used on the Promethean Board.



would you rather? – wyrmath.wordpress.com (activities)

A good site for a brain warm-up before class starts. Students are presented a picture with a mathematics problem, & have to choose between two choices & justify it.



view online

View these resources online at technology.pcsd.schoolfusion.us. You can also view all the articles, sites, apps, & ActivInspire tips in an organized, easy to navigate setting at the TL4T Newsletter Home Page at tl4t.wikispaces.com.

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5 dice: order of operations game (numeracy)

An order of operations game using dice makes a challenging way for students to build & solve math equations. (free)



algebra touch (algebra)

Students can solve complex equations by interacting with the equation itself. (\$2.99)



ballparkit (trigonometry)

Students can test their estimating skills by solving right triangle problems. (iPhone – \$1.99)



fraction calculator plus (fractions)

A calculator designed just to solve equations with fractions. This app also supports improper fractions to help students check their work. (free/\$0.99)



geoboard (geometry)

This is a virtual geoboard complete with colored rubber bands. Students can build & explore geometric figures in a creative way. (free)



icrosss (geometry)

Students can observe shapes in 3D & manipulate by cutting & pulling the objects into two pieces. (free/\$0.99)



meta calculator (algebra)

This is one of the most comprehensive graphing calculators available as an app. It can perform simple math operations, graph equations, perform scientific calculations, as well as work with statistics & matrices. (free/\$2.99)



quick math+ (numeracy)

Four leveled games where students write on the screen to practice quick recall while keeping track of their scores for improvement. (free/\$1.99)



solve – a scientific & graphing calculator (calculus)

This app solves expressions as the student types, & features a memory system to store & recall answers with four different colored calculators. (\$2.99)



virtual manipulatives! (fractions)

Virtual math manipulatives allows students to compare fractions, decimals, & percent. Students can also write on the screen to help solve a problem. (iPad – free)



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